

SYSTEM FOR ACTIVELY UPDATING A CRYPTOGRAPHY MODULE IN A SECURITY GATEWAY AND RELATED METHOD

Abstract

A system for actively updating a cryptography module in a security gateway and related method is used in a security gateway, such as a VPN gateway according to an IPSEC protocol, which is connected between at least one user computer system and a network system. The system includes a Web GUI, a module update unit, a defined module unit, and an extended library. A user can easily update or add decryption/encryption modules into the extended library of the gateway through the Web GUI and the module update unit instead of updating the decryption/encryption modules along with the entire kernel firmware. This can reduce the setting time, increase the efficiency of operation, reduce the maintenance cost, and promote the expansion of decryption/encryption modules of the gateway so that network transmission can become much safer.